



# Update of pre-delivery operations: Battery assembly

SuperSport 950 MY 2021 (all versions)  
Service Repair Bulletin SRV-SRB-21-031

Date: May 6, 2021  
To: Dealer Principal, General Manager, Service Manager, North American Dealer Network  
From: Richard Kenton, Technical Director  
Eric Bradley, Technical Training and Publications Manager

Dear Dealers,

This bulletin is to inform you about the new battery assembly procedure for the SuperSport 950 Model Year 2021. A new battery mount is used that ensures improved ventilation with a larger amount of air flowing to the battery.

OLD ASSEMBLY	NEW ASSEMBLY
Follow the battery assembly instructions in bulletin <b>SRV-SRB-21-005</b>	Follow the battery assembly instruction in this bulletin
	



### NOTE

For battery preparation and all the operations to be carried out during motorcycle pre-delivery, refer to the appropriate model introduction bulletin SRV-SRB-21-005.







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SuperSport 950 MY 2021 (all versions)  
Service Repair Bulletin SRV-SRB-21-031

### Included Kit

The components required for the new battery assembly procedure included in the kit supplied with the motorcycle are as follows:

Assembly	Part no.	Description	Image	Q.ty
Battery	39520311A	Battery kit YUASA YT7B-BS		1
	8291N431A	Battery mount		1
	76410241A	Silicone rubber block		2
	86612421A	Pad 20x25x4		4



### NOTE

Certain kits supplied with the motorcycles may include the battery compartment part no. 87910021A that was used in the old assembly procedure; this component is not necessary for the new assembly procedure.



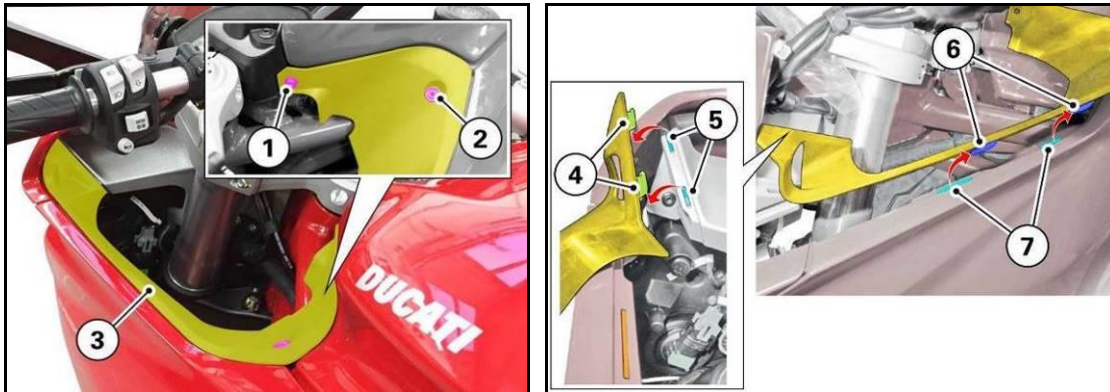


# Update of pre-delivery operations: Battery assembly

SuperSport 950 MY 2021 (all versions)  
Service Repair Bulletin SRV-SRB-21-031

## Battery Assembly on Vehicle

1. Remove screw M5x18 (1) and screw M5x9 with collar (2) fastening the LH cover (3).
2. Slide LH cover (3) out towards the rear side so that the 2 front teeth (4) are disengaged from slots (5) of front subframe and the 2 teeth (6) are disengaged from slots (7) of LH side fairing.



3. To remove the LH side fairing (8) loosen:
  - the 4 screws M5x12 (9)
  - the screw M5x9 (10)
  - the screw M5x18 (11) with relevant spacer (12)





## Update of pre-delivery operations: Battery assembly

SuperSport 950 MY 2021 (all versions)  
Service Repair Bulletin SRV-SRB-21-031

- the 2 screws M5x9 with collar (2)
- the 2 screws M5x14 with collar (13)





## Update of pre-delivery operations: Battery assembly

SuperSport 950 MY 2021 (all versions)  
Service Repair Bulletin SRV-SRB-21-031

4. Remove the LH side fairing by sliding out the following components in the indicated sequence:
  - A. the **2 pins (17)** from the relevant **vibration dampers (18)** on the headlight lower protection
  - B. the **central pin (19)** from the **vibration damper (14)**
  - C. the **rear pin (15)** from the **vibration damper (16)** on the fuel tank bracket shifting the fairing towards the rear side of the motorcycle

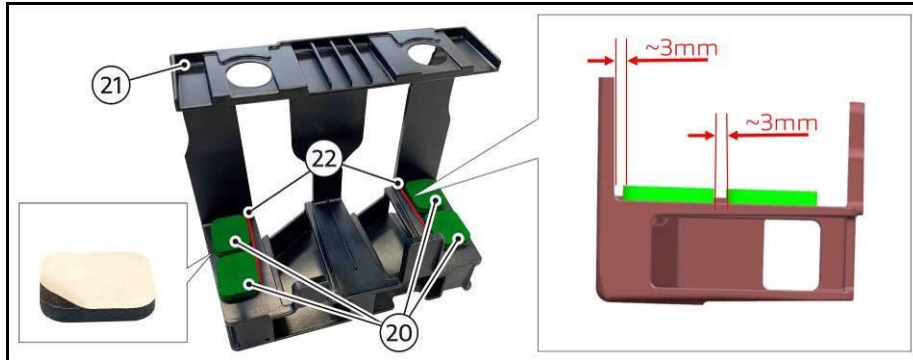




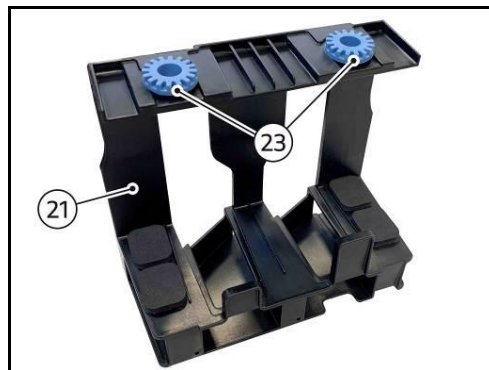
## Update of pre-delivery operations: Battery assembly

SuperSport 950 MY 2021 (all versions)  
Service Repair Bulletin SRV-SRB-21-031

- Remove the protective films from the **4 adhesive pads (20)** and apply them on the **battery mount (21)** lined along the **2 ribs (22)** as shown in the figure.



- Install the **2 rubber blocks (23)** at the position of the two holes in the **battery mount (21)**.



- Insert the YUASA YT7B-BS battery into the **battery mount (21)** from the side, aiming it as shown in the figure.

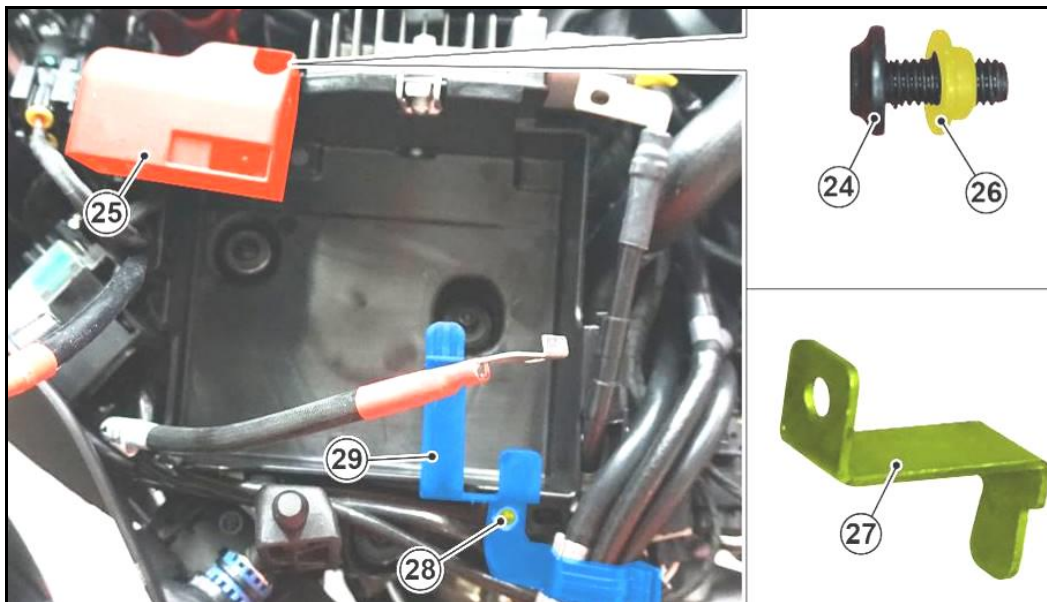




## Update of pre-delivery operations: Battery assembly

SuperSport 950 MY 2021 (all versions)  
Service Repair Bulletin SRV-SRB-21-031

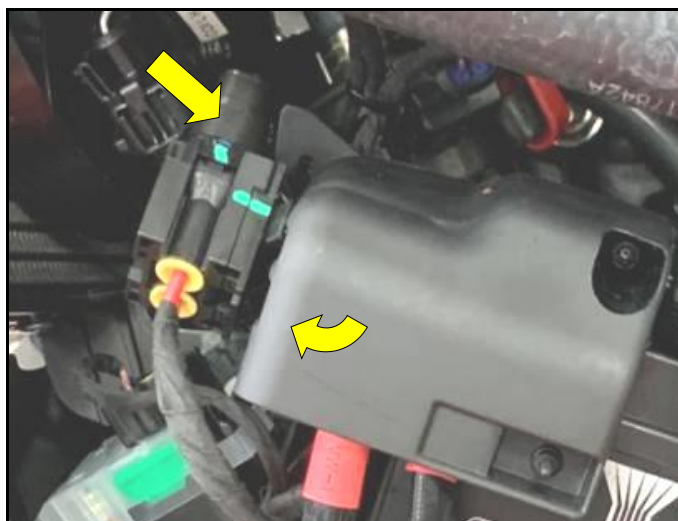
- Loosen the retaining screw (24) of cover (25) that protects the battery positive pole and recover the spacer (26) and the upper plate (27).
- Loosen the screw (28) so as to remove the lower plate (29).



### WARNING

To insert the battery pack into its compartment, turn the battery positive pole protection cover to the left.

During this operation DO NOT remove or disconnect the 30A master fuse and the horizontal head coil cable connector secured to the cover itself.





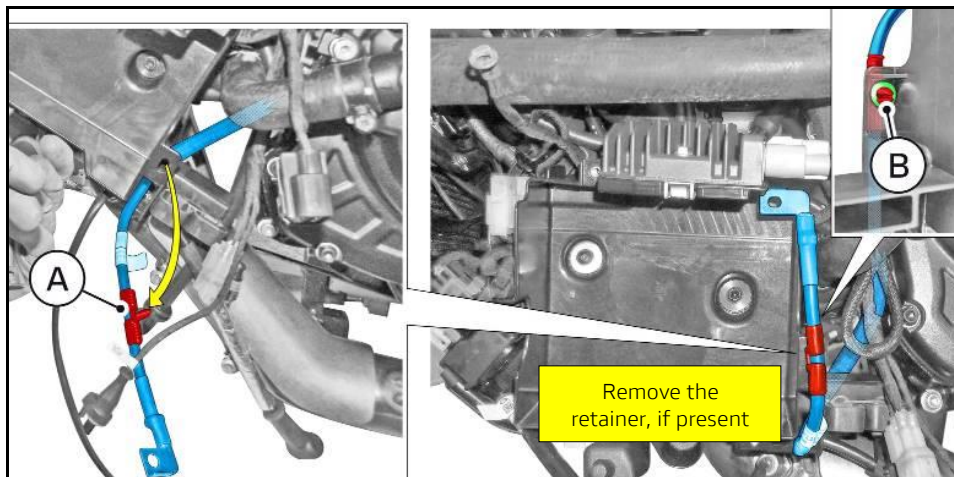
## Update of pre-delivery operations: Battery assembly

SuperSport 950 MY 2021 (all versions)  
Service Repair Bulletin SRV-SRB-21-031

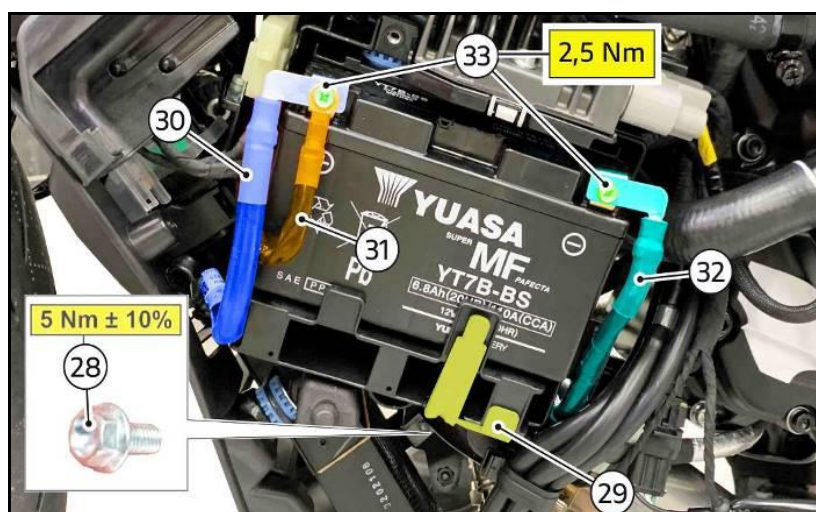


### NOTE

- Check for **retainer (A)** on the negative cable of the motorcycle; if it is there:
- remove the tape from **retainer (A)**
  - slide **retainer (A)** off the negative battery cable by working the **elastic washer (B)** on the back.



5. Fit the battery unit fully home into the suitable recess.
6. Insert the **lower plate (29)** in the relevant seat by orienting it as shown in the figure and tighten the **M5x8 screw (28)** to 5 Nm  $\pm$  10%.
7. Connect the **vehicle positive cable (30)** and the **ABS positive cable (31)** to battery positive terminal and the **negative cable (32)** to the negative terminal, as shown in the figure.
8. Tighten 2 screws (33) to 2.5 Nm.





## Update of pre-delivery operations: Battery assembly

SuperSport 950 MY 2021 (all versions)  
Service Repair Bulletin SRV-SRB-21-031

9. Position the **cover (25)** to protect the battery positive pole and tighten the **M5x12 screw (24)** with its **spacer (26)** to **5 Nm  $\pm$  10%**.

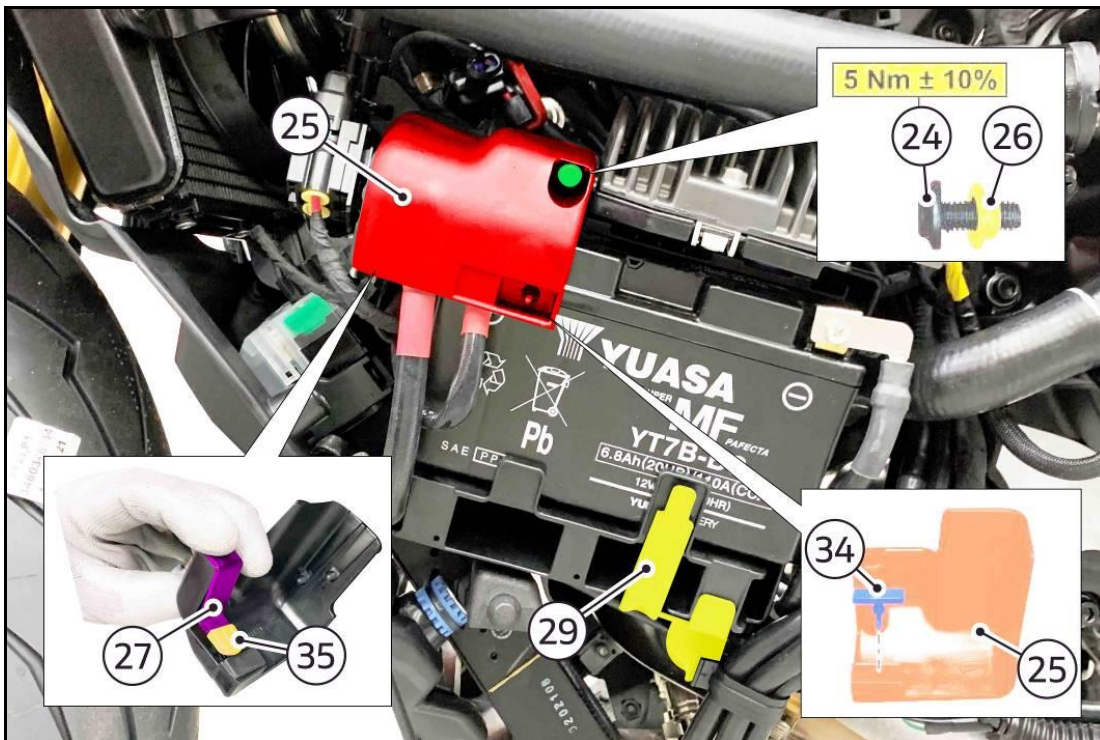


### NOTE

Make sure to insert the **upper plate (27)** as shown in the figure.

Make sure that the **rubber block (35)** is in place on **upper plate (27)**, **NOT** on the **lower plate (29)**.

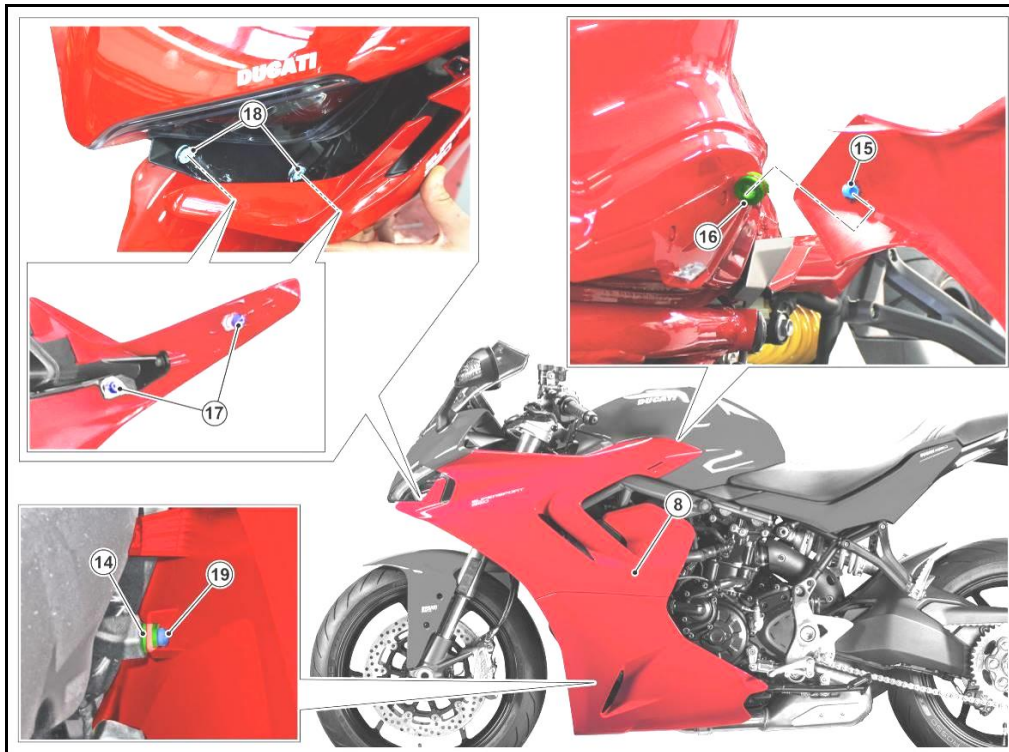
Make sure that the **rubber pad (34)** is mounted on the **cover (25)** protecting the battery positive pole as shown in the figure.





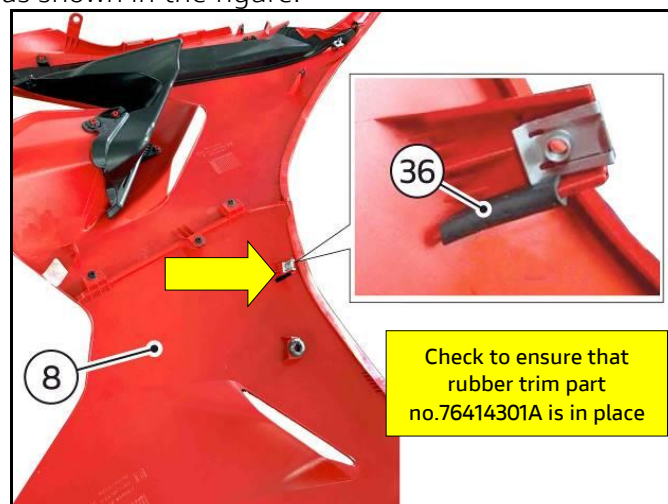
## Update of pre-delivery operations: Battery assembly SuperSport 950 MY 2021 (all versions) Service Repair Bulletin SRV-SRB-21-031

10. Fit the **LH side fairing (8)** by inserting the following components in this order:
- A. **pin (15)** in the **vibration damper (16)** present on the fuel tank bracket
  - B. **pin (19)** in the **vibration damper (14)**
  - C. the **2 pins (17)** in the relevant **vibration dampers (18)** on the headlight lower protection



### NOTE

Make sure that the **rubber trim (36)** part no. 76414301A is in place on the tab of the LH side fairing (8) as shown in the figure.

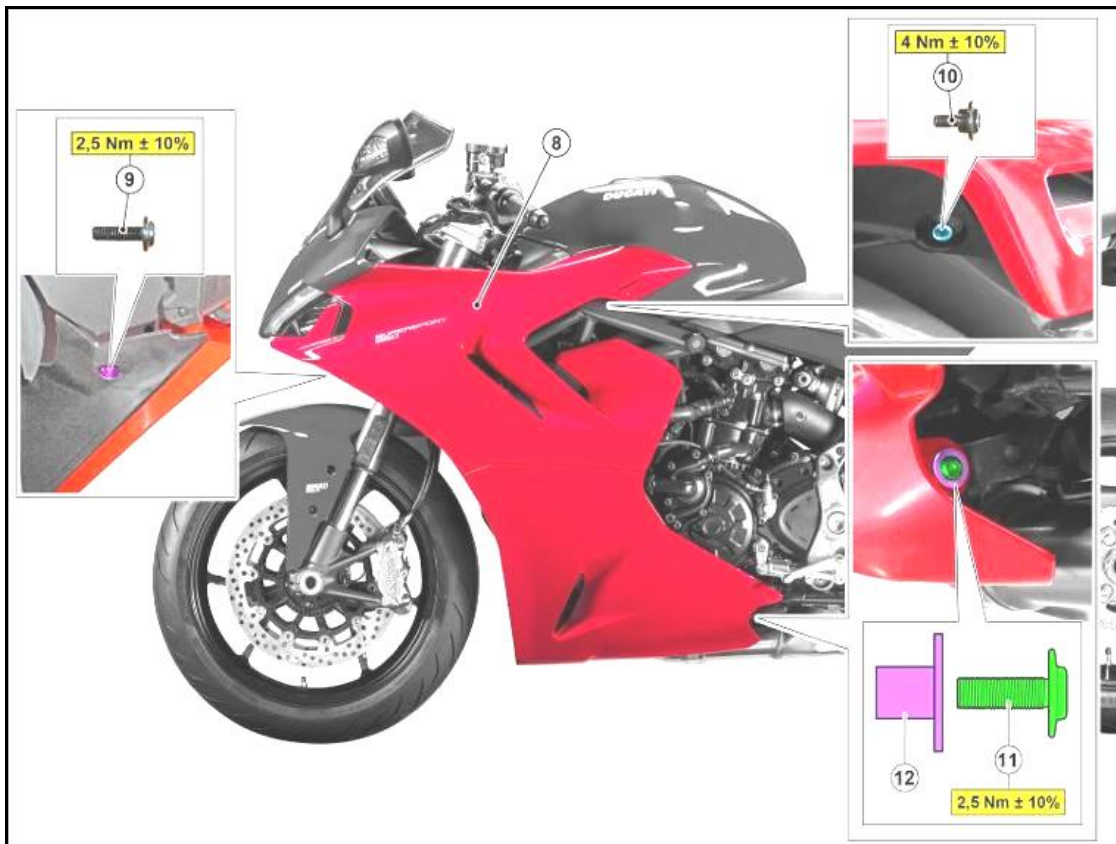




## Update of pre-delivery operations: Battery assembly SuperSport 950 MY 2021 (all versions) Service Repair Bulletin SRV-SRB-21-031

11. To fasten the LH side fairing (8), tighten the screws indicated below to the specified torque:

- 4 M5x12 screws (9) to 2.5 Nm ± 10%
- 1 screw M5x9 with collar (10) to 4 Nm ± 10%
- 1 M5x18 screw (11) with the relevant spacer (12) to 2.5 Nm ± 10%

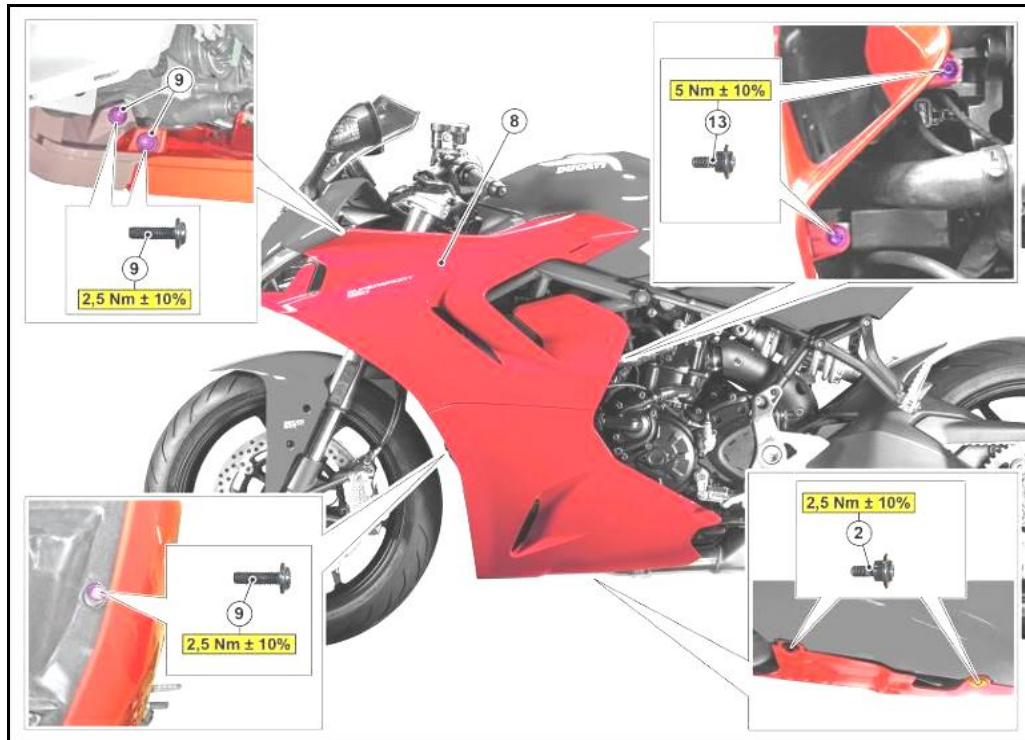




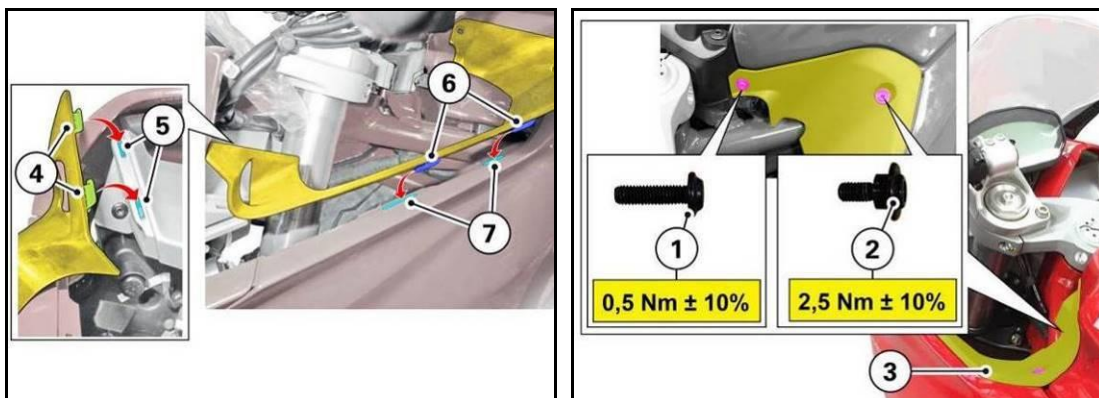
## Update of pre-delivery operations: Battery assembly

SuperSport 950 MY 2021 (all versions)  
Service Repair Bulletin SRV-SRB-21-031

- 2 screws M5x14 with collar (13) to 5 Nm ± 10%
- 2 screws M5x9 with collar (2) to 2.5 Nm ± 10%



12. Position the LH cover (3) by engaging the 2 front teeth (4) in the slots (5) of front subframe and the 2 teeth (6) in the slots (7) of the LH fairing.
13. Tighten the M5x18 screw (1) to 0.5 Nm ± 10% and the M5x9 screw (2) to 2.5 Nm ± 10%.



For questions about this Service Bulletin,  
please contact your Service Area Manager.